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NOTICE OF ALLOWANCE AND FEE(S) DUE

23373

7590

01/18/2006

SUGHRUE MION, PLLC 2100 PENNSYLVANIA AVENUE, N.W. SUITE 800 WASHINGTON, DC 20037 EXAMINER
MCCLOUD, RENATA D

PAPER NUMBER

ART UNIT

DATE MAILED: 01/18/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/509,957	10/04/2004	Jung-ik Ha	Q83999	2993	

TITLE OF INVENTION: SENSORLESS CONTROLLER OF AC MOTOR AND CONTROL METHOD

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	04/18/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(571) 273-2885 or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

indicated unless corrected maintenance fee notificatio	rrespondence including the Pa below or directed otherwise ins.	n Block 1, by (a	specifying a ne	ew correspondence addres	s; and/or (b) indicating a sep	arate "FEE ADDRESS" for	
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 23373 7590 01/18/2006			ree(s) Transmittal. I	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.			
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SUGHRUE MIC	'ANIA AVENUE, N.W.			I hereby certify that	ertificate of Mailing or Tran this Fee(s) Transmittal is beir	smission og denosited with the United	
SUITE 800	ANIA AVENUE, N.W.			States Postal Service	with sufficient postage for fi	rst class mail in an envelope	
WASHINGTON, I	DC 20037			transmitted to the US	this Fee(s) Transmittal is being with sufficient postage for final Stop ISSUE FEE address PTO (571) 273-2885, on the	s above, or being facsimile date indicated below.	
W1151111101011, 1	20037					(Depositor's name)	
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						(Date)	
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nonprovisional	NO	\$1400	•	\$300	\$1700	04/18/2006	
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MCCLOUD	, RENATA D	2837		318-807000			
CFR 1.363). Change of correspond Address form PTO/SB/1	•	orrespondence	(1) the names or agents OR, (2) the name of	on the patent front page, of up to 3 registered pat alternatively, of a single firm (having as mey or agent) and the na	ent attorneys 1		
PTO/SB/47; Rev 03-02 Number is required.	tion (or "Fee Address" Indicati or more recent) attached. Use	of a Customer	2 registered pa	atent attorneys or agents. e will be printed.	If no name is 3		
	RESIDENCE DATA TO BE		_		**	-	
PLEASE NOTE: Unless recordation as set forth in	s an assignee is identified belon 37 CFR 3.11. Completion of	ow, no assignee of this form is NOT	data will appear a substitute for	on the patent. If an assignment.	gnee is identified below, the o	document has been filed for	
(A) NAME OF ASSIGN	EE	(B)) RESIDENCE: ((CITY and STATE OR CO	DUNTRY)		
Please check the appropriate	e assignee category or categori	es (will not be pri	nted on the pater	nt): 🗖 Individual 🗖	Corporation or other private gr	oup entity	
4a. The following fee(s) are			. Payment of Fee			o-p shuty — Government	
☐ Issue Fee			A check in the	ne amount of the fee(s) is	enclosed.		
Publication Fee (No small entity discount permitted)		Payment by credit card. Form PTO-2038 is attached.					
Advance Order - # of Copies			The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).				
	(from status indicated above)		- •	**			
	MALL ENTITY status. See 37				ALL ENTITY status. See 37 C		
The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco	is requested to apply the Issue ublication Fee (if required) wi ords of the United States Paten	Fee and Publicate II not be accepted t and Trademark	ion Fee (if any) o from anyone oth Office.	or to re-apply any previou ner than the applicant; a re	sly paid issue fee to the applica gistered attorney or agent; or t	ation identified above. he assignee or other party in	
Authorized Signature				Date _			
Typed or printed name _		<u>,</u>			n No		
This collection of informatic an application. Confidential submitting the completed ar his form and/or suggestions	on is required by 37 CFR 1.31 ity is governed by 35 U.S.C. I oplication form to the USPTO is for reducing this burden, sho	The information 22 and 37 CFR 1. Time will vary all the sent to the	n is required to ol .14. This collect depending upon Chief Information				

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			DATE MAILED: 01/18/2006	5	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.